|                                               | INDIAN SCH          | OOL MUSC<br>SECTION | CAT           |                              |  |
|-----------------------------------------------|---------------------|---------------------|---------------|------------------------------|--|
| SUBJECT: SCIENCE                              | TERM 1              | NAME:               |               |                              |  |
| PERIODIC TEST-I                               | SET B               | STD: IV             | SEC:          | ROLL NO:                     |  |
| TEACHER'S SIGNATU                             | RE:                 | DATE:_              | _ / /18       |                              |  |
|                                               |                     |                     |               | 20                           |  |
| Choose the correct o                          | ption .             |                     |               | $1 \times 4 = 4 \text{ man}$ |  |
| a. The small openings p                       | present on the unde | erside of the l     | eaves.        |                              |  |
| stem                                          | ro                  | ot                  |               | stomata                      |  |
| b. The gas given out dur                      | ing photosynthesi   | s .                 |               |                              |  |
| oxygen                                        | carbon              | carbon dioxide      |               | nitrogen                     |  |
| c. This tree has cones in                     | istead of flowers.  |                     |               |                              |  |
| banyan                                        | pii                 | ne                  |               | teak                         |  |
| d. This plant floats freel                    | y on top of water   |                     |               |                              |  |
| hydrilla                                      | duck                | weed                | V             | water lily                   |  |
| Name the following.  a. The substance present | in the leaves whi   | ch gives them       | n the green c | 1 x 4 = 4 ma                 |  |
| b. Plants that grow in wa                     | iter.               | _                   | 16            |                              |  |
| c. Tiny tubes that carry v                    | water all over the  | leaf.               |               |                              |  |
| d. Trees that do not lose                     | their leaves in wir | nter.               |               |                              |  |

## III. Differentiate between fixed aquatic plant and underwater aquatic plant.

2x1=2 marks

|            | Fixed aquatic plant                                | Underwate       | er aquatic plant               |
|------------|----------------------------------------------------|-----------------|--------------------------------|
|            |                                                    |                 | ,                              |
|            |                                                    |                 | S.                             |
|            |                                                    |                 |                                |
|            |                                                    |                 |                                |
|            |                                                    |                 |                                |
| IV.        | Put a $$ for true and $\times$ for false statement | ts.             | $1 \times 2 = 2 \text{ marks}$ |
| a.         | Fungi grow on stale food or dead plants and        | d animals .     |                                |
| b.         | The energy needed for photosynthesis come          | es from food.   |                                |
| V.         | Look at the picture and answer the follow          | wing questions. | 1 x 3= 3 marks                 |
| a.         | Identify the plant                                 |                 |                                |
| b.         | Where is it found?                                 |                 |                                |
|            | Mention one of its adaptive features.              |                 |                                |
| _          |                                                    |                 |                                |
| 33 <u></u> |                                                    |                 | Manufacture of the second      |

| VI. | Answer the following questions.                          | $1 \times 3 = 3 \text{ marks}$ |
|-----|----------------------------------------------------------|--------------------------------|
|     | How do the roots of a mangrove tree help it to survive?  |                                |
|     |                                                          |                                |
|     |                                                          |                                |
|     |                                                          |                                |
|     | Define adaptation.                                       |                                |
|     |                                                          |                                |
|     |                                                          |                                |
|     | Why does photosynthesis happen only during the day time? |                                |
|     |                                                          |                                |
|     |                                                          |                                |
| II. | Give Reason.                                             |                                |
|     | Insectivorous plants trap insects.                       | $1 \times 1 = 1 \text{ mark}$  |
|     |                                                          |                                |
|     |                                                          |                                |
|     |                                                          |                                |

## VIII. Tick the correct options which help to keep our environment clean and healthy. $1 \times 1 = 1 \text{ mark}$

| a. | Carry plastic bags when we go out for shopping. |  |
|----|-------------------------------------------------|--|
| b. | Use both sides of the paper.                    |  |
| c. | Throw garbage in our surroundings.              |  |
| d. | Always plant trees around the house.            |  |